		OIP				CI-	4 -4 7		
FORM PTO-14	49 (SI	JAN 3 1	2005	Attorney Docket No S&ZFH031001	.: Ap	plic. No.	eet 1 of 7 79,085		
U.S. DEPARTME PATENT AND TR	RADEN	ARK OF REE	\$	Applicant					
INFOR	RMAT	ION DISCLOSURE	AARK	Jürgen Herre et al.					
SIAI		IT BY APPLICANT FR 1.98(b))		Filing Date		roup Art U	nit		
				October 2, 2003		2626	2644		
		U.S. I	PATENT	DOCUMENTS					
EXAMINER INITIALS		PATENT NO.	DATE	PATENTEE	CLASS	SUB	FILING		
/P.S./	Α	2003/0026441 A1	02/06/03		CLASS	CLASS	DATE		
/P.S./	В	2003/0035553 A1	02/20/03	Baumgarte et al.					
/P.S./	С	2003/0219130 A1	11/27/03	Baumgarte et al.					
	D .						-		
	E			_					
1	F		_						
	G								
	Н								
	1					-			
		FOREIC	ON PATE	NT DOCUMENT					
		DOCUMENT NO.	DATE	COUNTRY	CLASS	SUB CLASS	TRANSL. YES NO		
	K								
	L								
	М								
	N								
ОТНЕ	R DO	OCUMENTS (Inclu	iding Auth	nor, Title, Date, Pe	tinent Pa	iges, etc.)		
/P.S./	0			Stereo Coding", AE					
/P.S./	Р	Christof Faller et a	I.: "Binaura	al Cue Coding Applie ", Audio Engineering 10-13, 2002, Munica	d to Stere Society, h, German	o and Mul	ti- n Paper		
EXAMINER /Paras S				DATE CONSIDERE 07/09/2008					
	gh cita	tion if not in conforn		r not citation is in cor not considered. Inc					

							eet 2	of 7	
FORM PTO-14	149 (SI	JBSTITUTE)		Attorney Docket No.: Applic. No. S&ZFH031001 10/679,085					
U.S. DEPARTM PATENT AND T									
		ION DISCLOSURE		Applicant Jürgen Herre et al.					
	TEMEN	IT BY APPLICANT							
	(37 C	CFR 1.98(b))		Filing Date Group Art Unit October 2, 2003					
						2626			
		U.S. F	PATENT	DOCUMENTS					
EXAMINER INITIALS		PATENT NO.	DATE	PATENTEE	CLASS	SUB	FILI		
	Α	17112111110	5,112	THEME	- CEACO	OL7.00			
	8								
	С				1				
	Ь								
	E				T				
	F				1	-			
	G								
	H					-			
	1			1		_	-	_	
	<u> </u>			1	·	L	l	_	
		FOREIG	3N PATE	NT DOCUMENT					
		DOCUMENT NO.	DATE	COUNTRY	CLASS	SUB CLASS	TRAI		
CONTRACTOR OF THE PARTY OF THE	J	o o o o in Erri Tio	BATTE	00011111	02,00	02.00			
	К					-			
	L			-					
	М								
-	N							_	
OTU		DOUBLE (Inch					\		
011	EH D	JCOMENTS (INCIL	laing Aut	hor, Title, Date, Pe	rtinent Pa	iges, etc.)		
/P.S./	0	Christof Falley at a	. "Dia	al Cue Coding, Part	U. Cabana		-0	"	
		IEEE Transactions		ch and Audio Proces					
		2002, pp. 1-12							
	Р								
/P.S./				CAM-Surround: A Ui 0 11172-3", Audio En					
		Paper 3403, 93 rd C	Convention	n, October 1-4, 1992,	San Fran	cisco, pp.	1-9		
EXAMINER	L		-	DATE CONSIDERE	.D				
/Paras	Shah	•		07/09/2008					
				r not citation is in co					
next communic	agri cita	applicant.	nance and	I not considered. Inc	iude copy	or this for	iii witr	'	

FORM PTO-1449 (SUBSTITUTE) U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE				Attorney Docket No.: Applic. No. S&ZFH031001 10/679,085					
INFO	DRMAT	ION DISCLOSURE		Applicant Jürgen Herre et al.					
STA		NT BY APPLICANT CFR 1.98(b))		Filing Date	G	roup Art U	nit		
	(07 -	JFN 1.30(<i>b)</i>		October 2, 2003		2626 2644			
		U.S. I	PATENT	DOCUMENTS					
EXAMINER INITIALS	T	PATENT NO.	DATE	PATENTEE	CLASS	SUB		ING TE	
INITIALS	A	PATEINT INC.	DAIL	PAIENIEL	CLASS	CLASS	P.	15	
	B		 		+		-	_	
	C					-	_		
	D								
	Ε				—		_		
	F				†		\vdash		
	G								
	- Harris						\Box		
	ı								
		FOREIG	3N PATE	ENT DOCUMENT					
		DOCUMENT NO.	DATE	COUNTRY	CLASS	SUB CLASS	TRAI		
Name and Address of the Owner, where the Owner, which is the Owner, where the Owner, which is	J							-	
	К								
	L	Y							
	М				_				
	N		l					-	
отн	IER DO	OCUMENTS (Inclu	ıding Aut	hor, Title, Date, Pe	rtinent Pa	ages, etc.	.)		
	0	C Grill et al : "Imp	rad MDI	EG-2 Audio Multi-Ch	nel Ene		-tie		
/P.S./		Engineering Socie	ty, Convei	eG-2 Audio Multi-Ch ntion Paper 3865, 96 Netherlands, pp. 1-8	5 th Conven	tion, Febru	aio Jary 21	6 –	
/P.S./	Р	Fundamentals and Audio processing,	d Design P	aural Cue Coding – Principles", IEEE Trai No. 6, November 200	nsactions of 3, pp. 509	on Speech			
EXAMINER	Shah/			DATE CONSIDERI 07/09/2008	ΞD				
	ugh cita	ation if not in conforn		or not citation is in co d not considered. In					

FORM PTO-1449 (SUBSTITUTE) U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE INFORMATION DISCLOSURE STATEMENT BY APPLICANT (37 CFR 1.98(b))				Attorney Docket No.: Applica. No.: S&ZFH031001 10/679,085 Applicant Jürgen Herre et al. Filing Date Group Art Unit 2644 2626							
U.S. PATENT DOCUMENTS											
EXAMINER INITIALS		PATENT NO.	DATE	PATENTEE	CLASS	SUB	FILING DATE				
	Α										
	B										
	С										
	D										
	E										
	F										
	G			`							
	ш										
ALL DESCRIPTION OF THE PARTY OF	1				1						
		FOREIG	N PATE	NT DOCUMENT							
				T	T	SUB	TRANSL.				
Name and Address of the Owner, where the Owner, which is the Owner, where the Owner, which is the Owner, where the Owner, which is the Owner, which i	J	DOCUMENT NO.	DATE	COUNTRY	CLASS	CLASS	YES NO				
	К					The state of the s					
_	L										
	М										
	N										
ОТН	ER DO	OCUMENTS (Inclu	iding Aut	hor, Title, Date, Pe	ertinent Pa	iges, etc.)				
/P.S./	0	Recommendation with and without ac	Recommendation ITU-R BS 775-1: "Multichannel stereophonic sound system with and without accompanying picture", 11pgs1994.								
/P.S./	Р	Channel Audio", A	Juergen Herre et al.: "MP3 Surround: Efficient and Compatible Coding of Multi- Channel Audio", <i>Audio Engineering Society, Convention Paper 6049, 116</i> " Convention, May 8-11, 2004, Berlin, Germany, pp. 1-14								
EXAMINER /Paras s	Shah/			DATE CONSIDERED 07/09/2008							

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

							neet 5 of 7		
	FORM PTO-1449 (SUBSTITUTE) U.S. DEPARTMENT OF COMMERCE				Attorney Docket No.: Applic. No. S&ZFH031001 10/679,085				
PATENT AND T				Applicant					
	INFORMATION DISCLOSURE STATEMENT BY APPLICANT				en Herre	et al.			
STA		NT BY APPLICANT CFR 1.98(b))		Filing Date		roup Art U	Init		
				October 2, 2003		2626	2644-		
		U.S.	PATENT	DOCUMENTS					
EXAMINER INITIALS		PATENT NO.	DATE	PATENTEE	CLASS	SUB CLASS	FILING DATE		
	Α								
	8								
	С								
	D								
	E								
	F								
	G								
	H								
	1								
		FOREIG	ON PATE	NT DOCUMENT	•				
		DOCUMENT NO.	DATE	COUNTRY	CLASS	SUB CLASS	TRANSL. YES NO		
	J								
	К				-	7			
	L								
	М								
	N								
отн	ER D	OCUMENTS (Inclu	uding Aut	hor, Title, Date, Pe	rtinent Pa	iges, etc.)		
/P.S./	0	Joseph Hull: "Surro 1999, pp. 1-7	ound Sour	nd Past, Present, an	d Future",	Dolby La	boratories,		
/P.S./	Р	Roger Dressler: "E Dolby Laboratories		ound Pro Logic II Dec 20, pp. 1-7	oder Prin	ciples of C	Operation",		
EXAMINER	as Sha	h./		DATE CONSIDERE 07/09/2008	D				
				or not citation is in cor			-D 600		
LAMIVIINEM: II	milau IT	CHAUCH CONSIDERED.	waemer c	ir nol citation is in cor	normance	WITH MIPH	- nus: 1		

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609: Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

FORM PTO-1449 (SUBSTITUTE) U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE				Attorney Docket No.: Applic. No. S&ZFH031001 10/679,085							
INFO	INFORMATION DISCLOSURE STATEMENT BY APPLICANT (37 CFR 1.98(b))				Applicant Jürgen Herre et al.						
STA					Filing Date Group Art Unit October 2, 2003 2626						
		U.S.	PATENT	DOCUMENTS							
EXAMINER	т			T	1	SUB	FILING				
INITIALS	A	PATENT NO.	DATE	PATENTEE	CLASS	CLASS	DATE				
				-	-						
	C		-	-	_						
	C			 	-		 				
	E		_		-	-					
	F				-	ļ					
	G					-					
	H					_					
- The state of the	1				-						
		DOCUMENT NO.	DATE	COUNTRY	CLASS	SUB	TRANSL. YES I NO				
-	J		- Dittie	300111111	02.00	02,00					
	К					and the same of th					
	L			-							
	М										
-	N						_				
ОТН	IER D	OCUMENTS (Inclu	uding Aut	hor, Title, Date, Pe	ertinent Pa	ages, etc	.)				
/P.S./	0	Jürgen Herre et al Convention Paper pp. 1-17	Jürgen Herre et al.: "Combined Stereo Coding", Audio Engineering Society, Convention Paper 3369, 96" Convention, October 1-4, 1992, San Francisco,								
/P.S./	Р	Dolby Laboratories Logic II Encoder",		er's Manual: "Dolby E 2003	P563 Doll	oy Surroui	nd and Pro				
EXAMINER /Paras	Shah/			DATE CONSIDERED 07/09/2008							
EXAMINER: I	nitial if	citation considered,	whether o	or not citation is in co	nformance	with MP	P 609;				

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

	Sheet 7 of 7								
FORM PTO-1449 (SUBSTITUTE)				Attorney Docket No.: Applic. No.					
U.S. DEPARTM	ENT OF	COMMERCE		S&ZFH031001 10/679,085					
PATENT AND T				Applicant					
INFO	ВМАТ	ION DISCLOSURE		Jürgen Herre et al.					
		IT BY APPLICANT		Filing Date		4 4 1 1	- '4	—	
	(37 CFR 1.98(b))					roup Art U	nit Maria	.	
						26	26		
	U.S. PATENT DOCUMENTS								
EXAMINER INITIALS		PATENT NO.	DATE	PATENTEE	CLASS	SUB	FILI		
NITTIALS .	Α	TATENT NO.	DAIL	TATENIEE	CEAGG	CLASC			
	2			· · · · · · · · · · · · · · · · · · ·					
	С							$\neg \uparrow$	
	D						_		
	Е								
	F								
	G				-				
	-Human								
	ı						2000	-	
		FOREIG	GN PATE	NT DOCUMENT					
		DOCUMENT NO.	DATE	COUNTRY	CLASS	SUB CLASS	TRAI		
-	J							-	
	K				-				
	L								
	М								
	N					-			
отн	ER DO	DCUMENTS (Inclu	uding Aut	hor, Title, Date, Pe	rtinent Pa	iges, etc.)		
/P.S./	0	Minnetonka Audio 1-23, 2003.	Minnetonka Audio Owner's Manual: "SurCode for DOLBY PRO LOGIC II", pp. 1-23, 2003.						
	Р								
EXAMINER /Paras Shah				07/09/2008	DATE CONSIDERED 07/09/2008				
EVAMINED: I	1: 1 - 14: -	sitation considered		u not sitution in in an	-4	WALL MAINT	-0 000	·	

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.